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Deanna M. Rivernider (Depositor's name)
[Signature] (Signature)
11/17/2004 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/027,919	12/20/2001	Masaru Seita	51343	9973

TITLE OF INVENTION: ELECTROLYTIC COPPER PLATING SOLUTION AND METHOD FOR CONTROLLING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/14/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WONG, EDNA	1753	205-296000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. S. Matthew Cairns

2. _____

3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Shipley Company, L.L.C.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Marlborough, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature S. Matthew CairnsDate 11/17/2004Typed or printed name S. Matthew CairnsRegistration No. 42,378

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)

Docket No.

51343

Applicant(s): Seita et al.

Serial No.

10/027,919

Filing Date

12/20/2001

Examiner

Edna Wong

Group Art Unit

1753

Confirmation No.

9973

Invention: ELECTROLYTIC COPPER PLATING SOLUTION AND METHOD FOR CONTROLLING
THE SAME

**Mail Stop Issue Fee
TO THE COMMISSIONER FOR PATENTS**

P.O. Box 1450**Alexandria, VA 22313-1450**

Transmitted herewith are the following for the above-identified application.

☒ Issue Fee Transmittal Form PTOL-85☒ Utility Fee: \$1,370.00 ☐ Design Fee: _____ ☐ Plant Fee: _____☒ Publication Fee: \$ 300.00☒ A check in the amount of \$1,700.00 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1105
as described below.☐ Charge the amount of☒ Credit any overpayment.☒ Charge any additional fee required.

S. Matthew Cairns
Signature

Dated: 11/17/2004

S. Matthew Cairns (Reg. No. 42,378)

EDWARDS & ANGELL, LLP

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Boston, MA 02205

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Deanna M. Rivernider
Signature of Person Mailing Correspondence

Deanna M. Rivernider

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